



## Radicals - Cube - Simplify From Cubed Factors, Values and Variables, Nothing

### Remaining

1 Simplify the radical

$$\sqrt[3]{2^3 \cdot y^3 \cdot y^3 \cdot m^3 \cdot m^3}$$

A	B	C	D	E
$2y^2m^2$	$4y^3m$	$y^3m^3\sqrt[3]{4}$	$y^4m$	$y^2m^4\sqrt[3]{2}$

2 Simplify the radical

$$\sqrt[3]{5^3 \cdot p^3 \cdot p^3 \cdot w^3}$$

A	B
$5p^2w$	$8pw^3\sqrt[3]{2}$
C	D
$4p^3w^3$	$7p^4w^2\sqrt[3]{3}$
E	
$7pw^2\sqrt[3]{2}$	

3 Simplify the radical

$$\sqrt[3]{5^3 \cdot m^3 \cdot y^3 \cdot y^3}$$

A	B	C	D	E
$4my^2$	$2my^4$	$5my^2$	$3my$	$4m^3y$

4 Simplify the radical

$$\sqrt[3]{5^3 \cdot m^3 \cdot m^3 \cdot x^3}$$

A	B
$8m^3x\sqrt[3]{4}$	$6mx$
C	D
$5m^2x$	$7m^4x^2\sqrt[3]{4}$
E	
$4m^3x^2\sqrt[3]{4}$	

5 Simplify the radical

$$\sqrt[3]{2^3 \cdot x^3 \cdot x^3 \cdot p^3 \cdot p^3}$$

A	B	C	D	E
$x^3p$	$3x^3p^2$	$x^3p\sqrt[3]{3}$	$2x^2p^2$	$5xp^3$

6 Simplify the radical

$$\sqrt[3]{2^3 \cdot w^3 \cdot w^3 \cdot m^3 \cdot m^3}$$

A	B
$2w^2m^2$	$w^3m^3$
C	D
$w^2m^2$	$w^4m^2$
E	
$5w^3m\sqrt[3]{2}$	

7 Simplify the radical

$$\sqrt[3]{2^3 \cdot 2^3 \cdot r^3 \cdot r^3 \cdot p^3}$$

A	B	C	D	E
$2r^2p^2$	$rp\sqrt[3]{2}$	$4r^2p$	$r^3p$	$2rp$

8 Simplify the radical

$$\sqrt[3]{5^3 \cdot x^3 \cdot m^3}$$

A	B	C	D
$5xm$	$xm^2$	$4xm$	$7xm^3$